

TRAFFIC & ROWA SERVICES DEVELOPMENT SERVICES

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WHO ARE WE?

- The Traffic and ROWA Services team is responsible for managing the movement of pedestrians, vehicles and other road users on public roadways within the City of Barrie. Our roles include:
- Traffic Operations
- Traffic Signals & Illumination
- Right of Way Activities (ROWA)
 & Municipal Consents



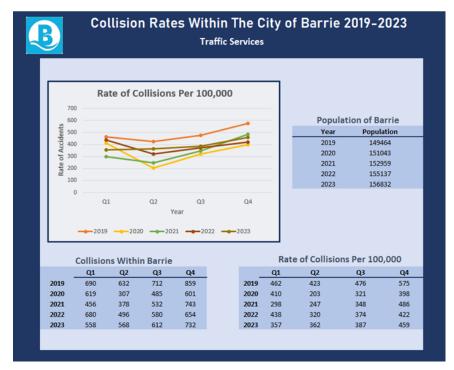
TRAFFIC OPERATIONS

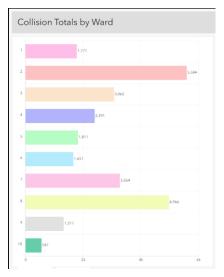
- The Traffic Operations team is responsible for:
 - Traffic Signage Parking restrictions, speed limits, warning signs etc.
 - Traffic Control at intersections All-way Stops, PXO's
 - Collision Analysis Traffic Warrants
 - Automated Speed Enforcement
 - Traffic Calming



TRAFFIC OPERATIONS – COLLISION HISTORY

- Develop Crash Rates for Intersections and Road Segments per 1 million vehicles entering
- Reviewing collision history in determining traffic warrants for pedestrian signals, all-way stops, signal timings, road design etc.
- Identifying trends for further review examples include: signal modifications to install advance arrows, pavement marking changes, new signage







TRAFFIC OPERATIONS — TRAFFIC CALMING

- Annual Temporary Traffic Calming Program:
 - 76 Temp cushions road crossings
 - 30 Permanent cushions
 - 11 Planters
 - 16 Bollards
 - 42 Radar speed advisory boards
 - 82 Community Safety Zones
- Finalizing new traffic calming policy fall 2024
- Pilot of enhanced crosswalk visibility
- Coordination with Barrie Police on traffic enforcement requests
- Coordination with School Boards



TRAFFIC OPERATIONS – TRAFFIC SIGNAGE/PAVEMENT MARKINGS/ASE

- Annual pavement marking contract
 - All pavement markings applied annually
 - Major roadways applied twice a year
 - Symbols retouched as needed
- Parking Implementation of No Parking and/or No Stopping adjacent to Schools
- Parking investigations for sight lines and roadway circulation
- Automated Speed Enforcement
- Modifications to pavement markings at intersections

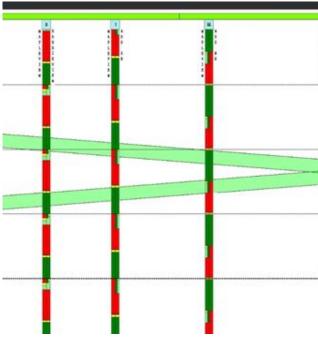


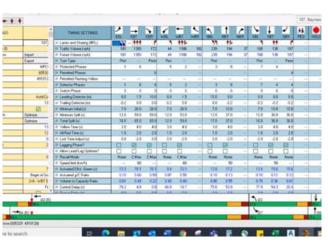
TRAFFIC SYSTEMS AND ILLUMINATION

- The Traffic Systems team is responsible for:
 - Traffic Systems Daily monitoring and maintenance of the existing 245 traffic control signals
 - Traffic Control at intersections Pedestrian Signals, Traffic Signals, Flashing Beacons
 - Arterial Optimization Program

 Review and optimize signal timings along a corridor
 - Illumination Maintaining 14,000 streetlights, Infill Projects
 - CCTV Traffic Monitoring Cameras
 - Anti Graffiti Cabinet Wraps Coordinated with Economic Development Department on providing local original Artwork







TRAFFIC SYSTEMS AND ILLUMINATION

- Biannual Intersection Inspection
 - City-wide program every spring and fall
 - Barrie Police assisted diagnostic testing of intersection hardware
 - Visual and performance test of all traffic signal equipment
 - Ensures compliance with OMMS regulations
- Annual Streetlight inspection
 - City-wide program every fall
 - Visually inspect every streetlight within the City
 - Ensures compliance with OMMS regulations
 - Identify areas of reduced lighting within the ROW for future upgrades



RIGHT OF WAY ACTIVITIES

- The ROWA team is responsible for:
 - Right of way activity permits Approvals to work on City property, notices to residents
 - Detour Management working with Contractors/COB staff to minimize the disturbance to impacted road and sidewalk users
 - Inspection AODA Compliance, sinkholes, slips trips falls
 - Examples include:
 - Driveway Widenings
 - Sewer/Water connections
 - Landscaping
 - Special Events
 - Utility works
 - Heavy machines crossing curbs, sidewalks or boulevards



